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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Isao ISHIDA *et al.*

Title: HUMAN CYTOCHROME P450  
GENE-INTRODUCED MOUSE

Appl. No.: 10/049,373

Filing Date: 6/21/2002

Examiner: Thaian N. Ton

Art Unit: 1632

DECLARATION UNDER 37 C.F.R. §1.132

Commissioner for Patents  
Washington, D.C. 20231

Sir:

1. I, Takeshi Ohshima, am an employee of Kirin Beer Kabushiki Kaisha.
2. I am a named co-inventor of the present application, U.S. Application Serial No. 10/049,373 ("the application").
3. Aspects of our invention include a mouse that expresses a human cytochrome P450 gene, located on a recombinant chromosome, and the use of that mouse to study drug metabolism.
4. One particular recombinant chromosome that we prepared contains a fragment of human chromosome #7, which harbors a well-characterized CYP3A gene "cluster." See "Modification of human chromosome number 7" at page 33, line 13 to page 35, line 4 of the application.
5. The CYP3A genes contained within that cluster belong to the cytochrome P450 gene family. We described how we prepared this particular fragment of chromosome #7 in Example 23 of the present application, at page 133.

Considered  
9/28/05  
TNT